

ABSTRACT OF THE DISCLOSURE:

An apparatus (1) to assist a patient's respiration by delivering air to a patient through a mask (20), including a ramp module (10) connected to a control unit (2) to provide the control unit with a pressure value P_M at mask (20), so that when apparatus (1) starts functioning, the pressure progressively rises until it reaches a treatment pressure P_{Ti} , the apparatus further including a comparator connected to ramp module (10), at least one device for detecting the patient's breathing parameters and sending them to the comparator, so that the comparator can determine whether an event (E_1 , E_2 or E_3) occurs in patient's breathing and to send the corresponding data to ramp module (10) which provides control unit (2) with a pressure value P_M that will speed up with respect of time, so that the pressure rise at patient's mask (20) is accelerated.